

Voltage Breakdown of Alumina, by S. I. Ueda, T.
Okada, 4 pp.

JAPANESE, 1958.

SLA 59-10321

Sci - Min/Met
Vol, No 1

97, 293

The Active Materials of the Alkaline Storage Cell.
IV. Activities of Nickelous Hydroxides, by
T. Okada, T. Shiraishi, T. Yasuhara, 5 pp.

JAPANESE, 文献, J. Chem. Soc, Vol LIII, 1950,
pp 5-7.

S.L.A. Tr 57-250

Sci - Chemistry
May 57

48, 747

The Active Materials of the Alkaline Storage Cell.
V. The Effect of LiOH on the Nickel Peroxide
Electrode, by T. Okada, T. Shiraishi, T.
Yasuhara, 7 pp.

JAPANESE, per, J. Chem Soc, Vol LIII, 1950,
pp 578, 579.

S.L.A. Tr 57-251

Sci - Chemistry
May 57

48, 748

Effect of Lithium Hydrosulfide on Nickel
Peroxide Electrode, by Tatsuo Okada,
Takao Nakajima, Toshiro Yamada, 8 pp.
JAPANES, JAP, Macromol Sci,
Vol 7, No 1, 1971, 09 15-16.
SA Code-C36

Tatsuo Okada

336, 209

See
Aug 67

Effect of Lithium Hydroxide on Nickel
Peroxide Electrode, by Tatsuo Okada,
Tatsuo Shiraishi, Taro Yamada, 20 pp.
JAPANES, per, Proc. Faraday Soc.,
Vol. 53, No 9, 1953, pp 376-379.
SA Code-435

Tatsuo Okada
336, 206

Bei
Aug 67

Metal Deposits From Amalgam. I. Determination of
the Equilibrium Diagram of the Δ NaOH - NaBr -
NaI System, by T. S. Okada, S. R. Yoshizawa,
N. Y. Watanabe, 8 pp.

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect,
Vol LVI, 1953, pp 79-81.

25,452 AEC Tr 2171

Scientific - Chemistry

Jul 55 CTS

The Active Materials of the Alkaline Storage Battery,
I and II, by Tatsuzo Okada, et al, 11 pp.

JAPANESE, bl, J. Chem. Soc Jap Ind Chem, Sec 51, 1948,
pp 129-132.

S.L.A. Tr 1392/1956

Sci Physics
Feb 57 CTS/dex

43, 564

Studies on Pearl Formation Mechanism by Radioauto-graphy, by Y. Okada, et al.

JAPANESE, paper P/1048, Proceedings of International Conference on Peaceful Uses of Atomic Energy Held at Geneva 8-20 Aug 1955, Vol XIII.

Internatl Conf -- UN

Sci - Nuclear Physics

CIA 1-669.9.162

52,681

Luminous Apparatus in Lampyrids, Part III, by
Yo Chada, 12 pp.

Full translation.

JAPANESE, per, Shokubutsu oyobi Dobutsu, Vol. III, No. 9,
Sep 1935, pp 1638-1648.

CIA/FDD/X-349

FE - Japan

Scientific - Biology, zoology, botany

Jun 53 CSD

28/3

Okada, Takuo, Yamaguchi, Katsuhiko and others.
A PROCESS FOR UTILIZING WASTE GAS FROM
UREA MANUFACTURE. July 63, 5p.
Order from SA \$16.00

SA Code-P-224

Trans. of Japanese patent 206,418, published pat.
1481/1954, cl. 16-B-811, appl. no. 1167/1952 filed
29 Jan 52, pub. 20 Mar 54, by Toyo Koatsu
Industries, Inc.

DESCRIPTORS: *Urea, *Waste gases, *Ammonia,
*Carbon dioxide, *Ammonium compounds, *Carbamates,
Synthesis (Chem).

(Chemistry--Organic, TT, v. 10, no. 9)

63-22318

- I. Okada, T.
- II. Yamaguchi, K.
- III. Patent (Japan) 206 418
- IV. SA Code-P-224
- V. Seizaburo Aoki (Japan)

Office of Technical Services

Preparation of Sodium Hydrosulfide from
Sodium Sulfate by Using Potassium Hydroxide
or Oxide as the Catalyst, Yoshikiko
Okao, 5 np.
JAPANESE patent, 200,137, 1949.
SLA TR-74-26729

Yoshikiko Okao

338,769

Sci
Aug 67

Treatment of Phosphate Ore Containing Large Amounts of Iron and Aluminum, Invented by Yoshimura Chem.

JAPANESE, Patent No 3718, 1950. Published
Patent No Showa25-3718, Published 27 Oct,
1950, Application 25 Oct 1949, Application
No 109518, 1949.

ASACO Tech Rept
1960

Aug. 21 Aug 56

Okahara, M., Goto, J., and Komori, S.
SYNTHESIS AND SURFACE ACTIVITY OF
ALKYLUREA N-GLUCOSIDES. [1963] 18p 3iref
Order from SLA \$1.60 TT-64-14357

Trans. of Kogyo Kagaku Zasshi (Japan) 1963, v. 66,
no. 7, p. 918-952. (Abstract available)

DESCRIPTORS: *Surface-active substances, *Glucosides,
*Urea, Synthesis (Chemistry), Catalysts, *Phosphoric
acids, Anhydrides, Surface tension, Colloids, Foams.

Alkylurea N-glucosides were synthesized by the reaction
of alkylureas with glucose in dimethylformamide, using
concentrated phosphoric acid or phosphoric anhydride
as a catalyst. The reaction conditions, e.g. tempera-
ture, time, type of catalyst, etc. are discussed. It was
found that the best results were obtained when 0.2 - 0.3
moles of concentrated phosphoric acid were used per
(Chemistry--Organic, TT, v. II, no. 11) (cover)

TT-64-14357

1. Title: Alkylurea
N-glucosides
1. Okahara, M.
- II. Goto, J.
- III. Komori, S.

.00684
Office of Technical Services

Okahara, R. R., Numa, S. A., and Watase, To. O.
FRACTIONAL ETHANOLYSIS OF ETHYL TRI-
CHLOROSILANE. [1963] 18p
Order from K-H \$18.00

K-H 3871a

Trans. of Kogyo Kagaku Zasshi (Japan) 1954, v. 57
[no. 2] p. 118-121.

DESCRIPTORS: *Silanes, Chlorides, Ethyl radicals,
Decomposition,

63-22472

- I. Title: Ethyl tri-chlorosilane
- II. Okahara, R. R.
- III. Numa, S. A.
- IV. Watase, T. O.
- V. Kresge-Hooker Science Library Associates, Detroit, Mich.

1232350

(Chemistry--Organic, TT, v. 10, no. 10)

Office of Technical Services

Crease-Resistance Properties of Fabrics of
Different Structure, by S. Ikeda, S. Okajima.

GERMAN, per, Textil Praxis, Vol XI, No 10,
1956, pp 999-1002.

CSIRO 3792

Sci. - Chem
Jun 62

201, 108

Okajima, Saburo and Kikuchi, Tetsuya.
COMPARISON OF THE FINE STRUCTURE OF
RAPID- AND SLOW-DRYED RAYONS. [1961] 15p.
15 refs.
Order from SLA \$1.60

61-16798

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1958, v. 61,
p. 1295-1298.

DESCRIPTORS: *Rayon fibers, Processing, Textiles,
Synthetic fibers, Microstructure

In order to clarify the relation between the initial
drying conditions of rayon (which had not been subjected
to drying after spinning) and the accessibility to deu-
terium we measured three different samples of rayon
which were dried under different conditions. The degree
of polymerization and iodine adsorption were measured
using rayon decorticated with nitric acid, and then the
distribution of the radial direction was determined in
order to study the effect of drying on the formation of
(Materials--Textiles, TT, v. 6, no. 6) (over)

61-16798

I. Okajima, S.
II. Kikuchi, T.

Office of Technical Services

Molecular Degree of Orientation- and Degree of
Crystallization Changes in Polyvinyl Alcohol
Fibers by Wet-Heat Treatment, by Yasuji
Kobayashi, Saburo Okajima, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIX,
No 1, 1956, pp 87-89.

SLA 60-18999

Sci

146,094

Apr 61

Okajima, Saburo and Kubo, Teruo.
DYEING CONDITIONS OF POLYACRYLONITRILE
FILAMENT WITH CONGO RED FOR DICHROIC
STUDY AND ITS APPLICATION TO THE DETERMI-
NATION OF THE DEGREE OF ORIENTATION. Rept.
no. 1 of Studies on Acrylic System Synthetic Fibers.
[1960] 18p. 18 refs.

Order from SLA mi\$2.40, ph\$3.30 60-18146

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 3, p. 523-528.

A straight polymer of acrylonitrile whose molecular weight was 78000 was wet-spun by dissolving it in 70% nitric acid. When in an undried state, this fiber could be dyed easily to an intense color by direct dyes, and the degree of orientation of this fiber could be determined from dichroism which appeared by the use of Congo Red. When drawn by using a warm-water bath at below 55°C or a 40% nitric acid bath (normal temperature), both cases oriented at the same tendency at (Materials--Textiles, TT, v. 5, no. 3) (over)

60-18146

1. Synthetic fibers-- Processing
2. Dyes--Applications
- I. Okajima, S.
- II. Kubo, T.
- III. Title: Studies...

Office of Technical Services

A Continuous Process for One Reaction,
by Shioichi Okajima, Toshio Murase,
Saneoichi Nishizawa, Keiji Adachi, Toshiro
Kojima, JR 39.
JAPANES, patent, 19709/1963, 1960.
SA Code-P-372

Shioichi Okajima

338,769

Bei
Aug 67

Document Number of [REDACTED], by
[REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED]

210, 900

TT-62-28285

Okamoto, G., Kojiyashi, H., and Chihara, Yu.

ACTIVITE ET STABILITE DU CATALYSEUR VANADE
DU M PREPARE PAR VOIE ACIDE. IVme RAPPORT
DEUNE ETUDE SUR L'AMELIORATION DU CATALYSE
SUR VANADE, M DESTINEE A LA FABRICATION DE
L'ACIDE SULFURIQUE (Vanadium Oxide Catalyst).
Prepared by Acidic Process, its Activity and Stability.
CNRS-VIII bis. 23 p. (Foreign text reduced) 16refs. CNRS-VIII bis
632

Order from OTS, ETC or CNRS \$0.35 TT-62-28285

Trans. in English of Kogyo Kagaku Zasshi (Japan) 1961,
v.63, no.1, p.624-638.

DESCRIPTION: *Vanaditria, *Catalysts, Vanadium compounds, OXides, Sulfates, Silicates, Stability.

Office of Technical Services
European Translations Center

I-Okamoto, G. and Sato, N.
A CONTRIBUTION TO EXPERIMENTAL METHODS
FOR KINETIC STUDY OF THE ANODIC FORMATION
OF THIN OXIDE FILMS ON METALS: KINETICS OF
ANODIC FORMATION OF PASSIVE OXIDE FILMS ON
NICKEL. [1962] 96,
Order from ATS \$15.80 ATS-41PS9J

Trans. of Nihon Kizoku Gakkaishi (Japan) 1960,
v. 24, no. 2, p. 130-134.

DESCRIPTORS: *Metals, *Thin films, *Oxides,
*Anode (electrolytic cell), *Nickel, Films, Passivity.

(Metallurgy, U.S., v. 8, no. 2)

62-17172

I. Okamoto, G.
II. Sato, N.
III. Title: Kinetics ...
IV. ATS-41PS9J
V. Associated Technical
Services, Inc., East
Orange, N. J.

AT&T-3370

201874

Office of Technical Services

Rapid Methods for Measuring Polarization
Characteristics of Iron in Acid, by G. Okamoto,
N. Sato. 25 pp.

JAPANESE, per, Journal of Electrochemical Society
Japan, Vol 25, No 4, 1957, pp 166-175.

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S. C. L. m. T.
May 70

Okamoto, G. and Sato, N.
EFFECT OF HYDROGEN ION CONCENTRATION
ON THE FLADE POTENTIAL OF NICKEL. [1962]
9p.
Order from ATS \$15.60

ATS-40P59J

Trans. of Nihon Kinzoku Gakkai-Shi (Japan) 1959,
v. 23, no. 11, p. 662-666.

DESCRIPTORS: *Hydrogen ion concentration,
*Nickel, *Electric potential.

(Chemistry--Physical, TT, v. 8, no. 1)

62-17171

- I. Title: Flade potential
- II. Okamoto, G.
- III. Sato, N.
- IV. ATS-40P59J
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Spectrochemical Study of Corrosion Phenomena.
Part 4. On the Passivation Mechanism of Iron in
Chromate Solutions, by Go Okamoto, Yukio Mitani,
Mitsuechi Nagayama.

JAPANESE, DEC, Denki Kagaku, Vol XXIV, 1956,
pp 59-74.

Navy 3010/ML 876

200-4000, 2000

180, 700

Removal of SiO₂ from Water by Electrolysis With Al
Electrodes, by Go Okamoto, Takeshi Okure, No-buro
Sudo, 8 pp.

Full translation.

JAPANESE, per, Electrochemical Soc. of Japan Journal,
Vol XIX, 1951, pp 289-292.

S.L.A.

27/12/7

Aug 55

On the Weight Composition of Skipjack Schools in the
Northeastern Sea Area, by Gorozo Okamoto, 8 pp.

Full translation.

JAPANESE, per, Bull. Jap. Soc. of Sci. Fish., Vol IX,
Sep 1940, pp 100-102.

S.L.A.

Scientific - Biological

27/126

Aug 55

Effect of Die Geometry on Metal Flow in
the Hot Extrusion of Metals, by 117
K. Okamoto, S. Nakamura.
JAPANISE, per, Tetsu to Bessho, Vol. 55,
No. 12, 1964, pp. 2044-2049.
Ref. 6725

K. Okamoto

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MINNESOTA

2007, 2.00

Welding Action During the Hot Working of Steel.
W. C. HARRIS, JR.
SAFETY, 1964, Volume 21, No 4, 1964.

p 96

273,000

High-Temperature Properties of 316L
Type Steels Melted in Nitrogen Under
Increased Pressure, by M. Okamoto, et al.

JAPANESE, pol., Tetsu To Hagane, Vol. 47(1),
No. 3, 1961, pp 563-564.

HB 5338

Sci. + Chem
Dec 61

174. 99;

Effect of Solution Treatment Temperature on the High-Temperature Characteristics of 25% Cr Austenitic Heat-Resisting Steels. Part III of Studies of High-Nitrogen 25% Cr Austenitic Heat-Resisting Steels, by Kamoto, et al. JAPANES, per, Tetsu to Jigand, Vol 43, No 10, 1963, pp 1565-1567.

44-10640

M. C Kamoto

Perry Miller
Scd/Engd
June 65

2001, NY

Effect of polydolomites and dolomites
on the properties of nitrogen alloys.
JIS Z 22, 20% Ni heat-resisting steels.
Report II of Studies of High-nitrogen
Steel for Austenitic Heat-Resistant Steels,
by T. Kamoto, et al.
Nippon Steel, per, Tetsu to Kōraku, Vol. 47,
No. 3, 1963, p. 612-615.

AM 4 S 50

M. C. Kamoto

File # 500000
SCM / 144
June 25

260, #71

Influence of Nitrogen on Properties of 18/7
Stainless Steels, by A. Okamoto et al.
JAPANESE, per, Tetsu to Hagané, Vol 47, 1963,
pp. 1694-1700.
*HISI 5724

91

M. Okamoto

Sci - Materials
Aug 67

RECORDED

Studies Pertaining to the Manufacture of Metallic
Titanium (Study of Iron Sand, Report 52), by
Masazo Okamoto, 16 pp.

JAPANESE, per, Kinzoku no Kenkyu, Vol XIV, 1937,
pp 46-59.

CIA/FDD/XX-136
NOT RELEASABLE TO
FOREIGN NATIONALS

Scientific - Min/Metals May 56 CTS/DEX
IAC INTERNAL USE ONLY 34,076

Study of titanobeta Sodium Orthoferrites. Part I.
Formation of Orthoferrites, by Shiochi Okamoto,
Takeaki Takei, 11 pp.

JAPANESE, rpt, Rikagaku Kenkyujo Kokoku, Vol XXXVI,
No 6, 1960, pp 694-699.

Navy Tr 3288/NRL 88 918

Sci - Chem

219, 882

Jan 63

A Study of Sodium Orthoferrites. Part I.
Formation of Orthoferrites, by Shoichi Okamoto,
Takeshi Takei, 11 pp.

JAPANESE, per, Rikagaku Kenkyujo Hokoku, Vol XXXVI,
No 6, 1960, pp 694-699. 9679014 A

Navy Tr/NRL 918

Sci - Chem

Dec 62

214,552

Effect of Seminal Cooling on the Quality
of the Seminal Fluid of the Bull at High
Temperatures, by S. Okamoto.

JAPANESE, per, Journal of Animal Reproduction,
Vol V, No 1, 1959, pp 22-24.

CSIRO 5292

191, 404

Sci - Biol.
Apr 62

Loss of Nitrogen by Nitrogen-Containing
High Chromium-Iron Alloys on Heating at
High Temperatures, by S. Okamoto, et al.

JPAANESE, per, Tetsu To Hagane, Vol. XLVII,
No 3, 1961, pp 548-550.

HB 5284

Sci " Chem

171, 327

Jan 62

Heredity and Amyotrophic Lateral Sclerosis,
by S. & Okamoto, 18 pp.

JAPANESE, per, Nihon Seishin-Shinkeigaku Zasshi,
Vol LI, No 1, 1949, pp 25-29.

NTB Tr 7-14

Sci - Med
Aug 57

50,809

AEC-tr-4482(p.520-37) Unc1.

DISTRIBUTION OF A FEW TYPES OF RADIOACTIVE
SUBSTANCES WITHIN THE BODY AND THE EFFECTS OF
EDTA-CALCIUM SALT FOR DECONTAMINATION.
S. Okamoto and A. Nukazawa.

C-23 P NSA

N-4

Research on the Drawing of Small Thin-Walled Tubes
of Stainless Steel, by T. Okamoto, K. Takemoto.

JAPANESE, per, Tetsu to Haganè, Vol XLVI, No 3,
1960, pp 311-313.

BISI 2111

Sci. - Engr

/61, 073

Jul 61

Okamoto, T. and Takahashi, K.

RESEARCH ON THE DRAWING OF SMALL THIN-WALLED TUBES OF STAINLESS STEEL. [1961].
Order from BISI £4 15s

BISI-2111

Trans. of Tetsu to Hagane (Japan) 1960, v. 46, no. 3,
p. 311-313.

DESCRIPTORS: *Steel tubing, *Stainless steel.

(Machinery--Manufacturing, TT, v. 6, no. 1)

61-22455

- I. Title: Thin-walled tubes
- II. Okamoto, T.
- III. Takahashi, K.
- IV. BISI-2111
- V. British Iron and Steel
Industry Translation
Service

Office of Technical Services

A. The Field of Production of the Weapon Carrier
and "Dieselization;" ~~Maxi~~ by Goro Sangu;
B. Rationalization of Production Equipment in the
Isuzu Automobile Company, by Toshio Okamoto,
12 pp. (ID 8090826)

JAPANESE, par, Weapons and Techniques, Aug 1958,
p 1, 22-31.

ACSI, H-2782

FE - Japan

Econ

81, 517

Feb 59

Cine-Radiographic Study of the Flow of Metals in
Shell Molds, Using and Image Intensifier, by
K. Shobayashi, Y. K. Okamoto.

ITALIAN, per, Instituto Hierro Acero, Vol XIII, No 5,
1960, Spec No 67, pp 432-435.

HB 4911

Sci - Phys

Oct 60

129,110

Okamura, Isao.

ON THE DRAWING OF ACRYLONITRILE-VINYLDENE CHLORIDE COPOLYMER FIBERS. Pt. I of Studies on Acrylic Fiber. [1961] [19]p. 6 refs. Order from SLA \$1.60

61-16583

Trans. of Sen-i Gakkaihi (Japan) 1957, v. 13, no. 12 p. 861-865.

DESCRIPTORS: Synthetic fibers, Tensile properties, Processing, Acetones, Temperature.

The drawing of fibers made from the acetone-soluble copolymer, 40% acrylonitrile + 60% vinylidene chloride, was studied. The tensile strength of the fibers after drawing was greater when the residual acetone quantity was small, and less when the acetone residue was great. The second transition temperature of the polymer was about 70°C. The drawing tension which gave greatest strength was 2 to 3×10^{-2} grams/denier and the optimum drawing temperature was 120 to 140°C. Calcium chlo-
(Materials--Textiles, TT, v. 6, no. 7) (over)

61-16583

I. Okamura, I.
II. Title: Studies...

Office of Technical Services

The Influence of Koha (a photosensitive dye) on Tumor Growth, by Kitatsu Suzue, Ichiro Okamura and Kosuke Ushijima, 2 pp.

JAPANESE, Genn, Vol XXXIX, No 1, Japan, 1948, p 45.

CIA/FDD X-663

Scientific - Medicine

11/16/68

National Institute of Health, Bethesda, Md.

Okamura, Isao.

HEAT TREATMENT OF ACRYLONITRILE-VINYLDENE CHLORIDE COPOLYMER FIBER [AND] MECHANISM OF DRAWING AND HEAT TREATMENT OF ACRYLONITRILE-VINYLDENE CHLORIDE COPOLYMER FIBERS. Pts. 2-3 of Studies on Acrylic Fiber. [1961] [20]p. 3 refs.

Order from SLA \$1.60

61-16582

Trans. of [Sen-i Gakkaishi] (Japan) 1958, v. 14, no. 3, p. 133-141.

DESCRIPTORS: Polymers, *Acrylonitriles, *Synthetic fibers, Heat treatment, Processing, Chlorides.

(Materials--Textiles, TT, v. 6, no. 9)

61-16582

- I. Okamura, I.
- II. Title: Mechanism ...
- III. Title: Studies ...

Office of Technical Services

Casting Method of a Vinyl Chloride Series Polymer
Which Has a Crystalline Structure by K. Okamura
and J. Yoneya, et al, 27 p.
JAPANESE, pat., Patent No 39-5771.
SLA TT 66-10635

Sci-MEM
Jun 66

304,450

Okamura, Kazuo, Satokawa, Takaomi, and Yonetani, Minoru.

A PROCESS OF MANUFACTURING RAW MATERIALS FOR HEAT RESISTANT SHAPED ARTICLES.

5 July 63, 11p.

Order from SA \$19.00

SA Code-P83

Trans. of published Japanese patent 3390/1961, cl. 26-B-141 (26-B-14) appl. no. 35, 610/1958, 9 Dec 58, pub., 18 Apr 61, by Osaka Kinzoku Kogyo, Inc.

DESCRIPTORS: *Heat resistant plastics, *Polyvinyl chloride, *Polyethylene plastics, *Halocarbon plastics, *Fluorocarbons, Manufacturing methods, Vinyl chloride, Propenes, Fluorides, Copolymerization.

63-17645

- I. Okamura, K.
- II. Satokawa, T.
- III. Yonetani, M.
- IV. Patent (Japan)
pub. 36-3390
- V. SA Code-P83
- VI. Seizaburo Aoki (Japan)

(Materials--Plastics, TT, v. 10, no. 4)

Office of Technical Services

Part 4. Synthesis of Terephthalic acid Derivatives
and Their Polycondensation. I., by S. Akiyoshi,
M. Okamura, S. Hashimoto, 7 pp.

JAPANESE, per, J Chem Soc Japan Ind Chem Sect (Kogyo
Kagaku Zasshi) Vol LVII, No 3, pp 214-216, 1954.

Assoc Tech Serv -95HLLJ

Sci - Chem

Aug 58

70,588

[REDACTED]

Biochemical and Histochemical Studies on DAB-
Hepatocarcinogenesis in Rats, by T. Wihra, M. Sato,
N. Okamura, A. Watanabe, 3 pp.

JAPANESE, per Cenn, Vol XLIX, 1959, pp 100, 101.
(Supplement)

NIH 11-10

Sci + Medicine
Dec 59

102, 648

Okamura, S. and Urakawa, N.
STUDY OF EMULSION POLYMERIZATION AT ROOM
TEMPERATURE. PT. I. EMULSION POLYMERIZA-
TION OF VINYL ACETATE AT ROOM TEMPERA-
TURE. [1963] 5p.
Order from ATS \$7.50 ATS-60Q57J

Trans. of Kobunshi Kagaku (Japan) 1950, v. 7,
p. 204-207.

DESCRIPTORS: *Colloids, *Polymerization, *Vinyl
radicals, *Acetates.

(Chemistry--Organic, TT, v. 10, no. 1)

63-17152

- I. Okamura, S.
- II. Urakawa, N.
- III. Title: Emulsion...
- IV. ATS-60Q57J
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Okamura, Seizo and Hayashi, Koichiro.
METHOD FOR THE POLYMERIZATION OF
TRIOXANE BY MEANS OF ELECTROLYTIC RADIA-
TION. Feb 64, 5p 1ref
Order from SA \$16.00

SA Code-P-256

Trans. of Japanese patent publication 17393/1962, cl.
26-C-118.1 (136-G-21) (appl. 30876/1960, filed
12 Jul 60) pub. 25 Oct 62, by Zaidanhojin Nihon-
Hoshasen-Kobunshi-Kenkyu-Kyokai. (Abstract
available)

DESCRIPTORS: *Acetal plastics, *Trioxane, *Poly-
merization, *Radiation chemistry, Gamma rays,
Electron beams,

The invention relates to a method for the production of
trioxane polymer of high molecular weight, mainly
polyoxymethylene, which is characterized by poly-
merizing trioxane by applying electrolytic radiation to
the trioxane. (Author)

TT-64-12574

- I. Okamura, S.
- II. Hayashi, K.
- III. Patent (Japan) pub. 37-17393
- IV. SA-Code-P-256
- V. Seizaburo Aoki,
Fujisawa (Japan)

Materials--Plastics, TT,
v. 11, no. 7
Office of Technical Services

61-22965

Okamura, S., Higashimura, T., and Imanishi, Y.
LOW TEMPERATURE POLYMERIZATION
OF α -METYLSTYRENE AND PROPERTIES OF THE
POLYMERS. I. CHARACTERISTICS OF
THE POLYMERS OBTAINED AT LOW TEMPERA-
TURE. [961] 11p. 6 refs.
Order from RIS \$13.00

I. Okamura, S.
II. Higashimura, T.
III. Imanishi, Y.
IV. Title: Characteristics...
V. RIS-61113
VI. Research Information
Service, New York

Transl. of Kobunshi Kagaku (Japan) 1959, v. 16
no. 1, p. 1-6.

DESCRIPTORS: *Styrene, *Methyl radicals, Poly-
merization, Polymer Solubility,
Organic Catalysts, Catalysts.

Chemical Abstracts Division

(Chemistry Organic, TT, v. 7, no. 1)

Office of Technical Services

197243

Studies of the Cationic Copolymerization of Isobutene. Part 1. Copolymerization with Styrene or -methylstyrene, by S. Okamura. 55
JAPANESE, per, Kobunshi Nagaku, Vol 18, No 195, 59
1961, pp 389-395.
ATS-J8-205

S. Okamura

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Okamura, S., Higashimura, T., and Imanishi, Y.
LOW TEMPERATURE CATIONIC POLYMERIZATION
OF α -METHYLSTYRENE AND PROPERTIES OF THE
POLYMERS OBTAINED. I. IN SLOWING EFFECT
[1951] 15p. 9 refs.

Order from RIS \$11.50

RIS rep. 61112

Journal of Polymer Chemistry, Kagaku (Japan) 1959, v. 16,
no. 1, p. 1-10 [15p.]

DESCRIPTORS: *Styrene, *Methyl radicals, Poly-
merization, Temperature, Velocity, *Polymers,
Molecular weight, Solubility, Solvent effects,
Crosslinking, Chain transfer

61-22964

I. Okamura, S.
II. Higashimura, T.
III. Imanishi, Y
IV. RIS-61112
V. Title: Solvent ...
VI. Research Information
Service, New York

107252

Okamura, S. and Murase, T.
PERFORMANCE OF OVERFLOW PIPES IN RELATION
TO THE QUIET STEADY-OVERFLOW OF LIQUIDS.
[1962] 9p.
Order from AT&T §12.50

AT&T 21P62J

Trans. of Kagaku Kogaku (Japan) 1961, v. 25, no. 12,
p. 870-876.

DESCRIPTORS: *Pipes, Liquids, *Fluid flow.

62-34228

- I. Okamura, S.
- II. Murase, T.
- III. AT&T 21P62J
- IV. Associated Technical Services, Inc.,
East Orange, N. J.

(Engineering--Civil, TT, v. 9, no. 2)

CIA-21P62J

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Okamura, Sakio and Shirato, Mompel.
LIQUID PRESSURE DISTRIBUTION WITHIN CAKES
IN THE CONSTANT PRESSURE FILTRATION. [1963]
14p
Order from K-H \$14.00

K-H-3626-b

Trans. of Kagaku Kogaku (Japan) 1955, v. 19,
p. 104-110.

DESCRIPTORS: *Pressure, Distribution, *Liquids,
Material forming

63-22470

I. Okamura, S.
II. Shirato, M.
III. K-H-3626-b
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Engineering--Chemical, TT, v. 10, no. 11)

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Emulsion Polymerization of Vinyl Acetate
With Partly Saponified Polyvinyl
Acetate as the Protective Colloid II.
by S. Okamura, et al.

JAPANESE, Chemistry of High Polymers,
No 15, 1958, pp 170-174.

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Okamura, S., Higashimura, T., and Yamamoto.
LOW TEMPERATURE CATIONIC POLYMERIZATION
OF ALKYL VINYL ETHERS AND THE PROPERTIES
OF THE POLYMERS OBTAINED. I. ISOBUTYL AND
ISOPROPYL VINYL ETHER AND THE PROPERTIES
OF THE POLYMERS PRODUCED. [1961] 15p. 12 refs.
Order from RIS \$20.00 RIS rept. 61117

Trans. of Kogyo Kagaku Zasshi (Japan) 1958, v. 61,
p. 1636-1640.

DESCRIPTORS: *Polymerization, Vinyl radicals *Polymers, Physical properties, Propyl radicals, Butyl radicals, *Ethers, Alkyl radicals.

(Chemistry--Organic, TT, v. 6, no. 5)

61-22967

I. Okamura, S.
II. Higashimura, T.
III. Yamamoto
IV. Title: Isobutyl...
V. RIS-61117
VI. Research Information Service, New York

Office of Technical Services

Okamura, S., Higashimura, T., and Yamamoto, H.
LOW-TEMPERATURE CATIONIC POLYMERIZATION
OF ALKYL VINYL ETHERS AND THE PROPERTIES
OF THE POLYMERS OBTAINED. I. METHYL VINYL
ETHER. [1961] 10p. & refs.
Order from RIS \$11.50 RIS rept. 61116

Trans. from Kobunshi Kagaku (Japan) 1959, v. 16,
no. 165.

DESCRIPTORS: *Ethers, Methyl radicals, *Polymerization,
*Polymers, Physical properties, Molecular weight,
Vinyl radicals, Alkyl radicals.

(Chemistry--Organic, TT, v. 6, no. 5)

61-22966

I. Okamura, S.
II. Higashimura, T.
III. Yamamoto, H.
IV. Title: Methyl...
V. RIS-61116
VI. Research Information
Service, New York

Office of Technical Services

Okamura, Seizo, Higashimura, Toshinobu, and
Tomikawa, Masaya.
POLYMERIZATION OF TRIOXANE CATALYZED BY
CATIONIC CATALYST. [1964] 20p
Order from K-H \$12.00

K-H-12425-f

Trans. of Kogyo Kagaku Zasshi (Japan) 1962, v. 65,
no. 5, p. 712-716.

TT-64-12924

I. Okamura, S.
II. Higashimura, T.
III. Tomikawa, M.
IV. K-H-12425-f
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

(Chemistry--Organic, TT, v. 12, no. 1)

Office of Technical Services

Okamura, S., Higashimura, T., and Ogawa, Y.
KINETIC STUDIES ON THE COUNTERIONS IN THE
CATIONIC POLYMERIZATION OF STYRENE. III.
POLYMERIZATION CARRIED OUT WITH BORON
TRIFLUORIDE COMPLEXES. [1961] 14p. 14 refs.
Order from RIS \$13.50 RIS rept. 61111

Trans. of Kōbunshi Kagaku (Japan) 1959, v. 16, p. 239-
243.

DESCRIPTORS: *Styrenes, *Polymerization, Polymers,
Boron compounds, Fluorides, Complex compounds,
Textiles.

(Chemistry--Organic, TT, v. 6, no. 6)

61-25007

- I. Okamura, S.
- II. Higashimura, T.
- III. Ogawa, Y.
- IV. Title: Polymerization...
- V. RIS-61111
- VI. Research Information Service, New York

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Stabilized or Paper and from Artificial fibers, fiber.
Paper Making with Varying fibers, by G. Lamm.

JAPANESE, pure, Kanda Publishing and Apparatus Co.,
Vol VI, 1951, pp 509-516.

AM 63-2258

Sci. - Chem.

May 50

115 482

Studies of Paper Made From Artificial Fibers. Parts II
and III. Part III. Experiments on Machine-Making Paper
From Vinylon Fibers. Part III. Experiments on Making
Vinylon Paper From EVA Fibers Subjected to Long
Thermal Treatment, by S. Gerasimov,

JOURNAL, 1957, Medic Fibrofing and Applications, Vol VI,
1957, pp 555-560.

REF 33-2239

Set - Chem

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115 483

The Effect of Oxygen upon the Polymerization of Acrylonitrile, by S. Okamura and T. Yamagata, 9 pp.

JAPANESE, pp., Japan Chem High Polymers, Vol VI, 1949, pp 500-509.

SLA 57-3010

Sci

Aug 58

71, 209

Okamura, Seizo and Manabe, Akinobu.
A METHOD FOR TIGHTLY COMBINING POLYMERIZABLE SUBSTANCES WITH POLYMERS. July 63,
7p.

Order from SA \$16.00

SA Code-P-173

Trans. of published Japanese patent 3993/1962,
cl. 26-B-11 (26-B-022) (43-D-0) (25-N-231) appl.
no. 39278/1959 filed 13 Dec 59, pub. 23 July 62, by
Nippon Rayon Co.

DESCRIPTIONS: "Polyethylene plastics, Impregnation,
"Acrylic acid esters, "Vinyl radicale, "Ethylenes,
"Graft polymers, Solvents, Benzene.

(Materials--Plastics, TT, v. 10, no. 9)

63-22291

- I . Okamura, S.
- II . Manabe, A.
- III . Patent (Japan) pub.
37-8993
- IV . SA Code-P-173
- V . Seizaburo Aoki (Japan)

Office of Technical Services

Okamura, Seizo, Nakashio, Seizo, and Hayashi,
Koichiro.

METHOD OF MAKING MODIFIED HIGH MOLECULAR
WEIGHT POLYMER OF FORMALDEHYDE. July 63,
12p. 5 refs.

Order from SA \$19.00

SA Code-P-196

Trans. in manuscript of published Japanese patent
10941/1962, cl. 26-C-118.1 (26-C-115) (26-B-1)
(26-B-11) (136-G-21) appl. no. 20248/1960 filed
5 Apr 60, pub. 13 Aug 62, by Nihon Hoshasen Kobunshi
Kenkyu Kyokai and Sumitomo Chemical Industry Co.,
Ltd.

DESCRIPTORS: *Acetal plastics, *Formaldehyde,
*Butenes, *Styrene, *Acrylonitriles, *Acrylic acid
esters, *Acrylamides, *Vinyl radicals, Ethers,
*Ethylene oxide, Polymerization, *Radiation chemistry.

(Materials--Plastics, TT, v. 10, no. 9)

63-22294

- I. Okamura, S.
- II. Nakashio, S.
- III. Hayashi, K.
- IV. Patent (Japan) pub.
37-10 941
- V. SA Code-P-196
- VI. Seizaburo Aoki (Japan)

Office of Technical Services

63-17949

Okamura, Seizo, Hayashi, Kotchiro, andNatori, Taduo.A POLYMERIZATION PROCESS OF ACETALDEHYDEAND PROPIONALDEHYDE BY IONIZING RADIATION.July 63, 6p.Order from SA \$16.00

SA Code-P-116

Trans. of published Japanese patent 13893/1962, Cl.
26-C-118 (136-C-21) (26-C-118-27 appl.)no. 28796/1960 filed 25 June 60, pub. 13 Sep 62, by
Japan Radiation Polymer Research Association, Inc.DESCRIPTORS: *Acetyl plastics, Production,
*Acetylaldehydes, Propyl radicals, Aldehydes, Poly-
merization, *Radiation chemistry, Catalysts,
Aluminum compounds, Oxides.

(Materials--Plastics, TT, v. 10, no. 6)

- I. Title: Propionaldehyde
- II. Okamura, S.
- III. Hayashi, K.
- IV. Natori, T.
- V. Patent (Japan)
- VI. SA Code-P-116
- VII. Seizaburo Aoki (Japan)

Office of Technical Services

Okamura, Seizo and Higashimura, Toshinobu.
METHOD OF MANUFACTURING VINYL ETHER
POLYMER. July 63 [6]p.
Order from SA \$16.00

SA Code-P-72

Trans. of [published] Japanese patent 6739/1962,
cl. 26-B-131, filed 20 Apr 60, appl. 21536/1960, pub.
2 July 62, by Mitsubishi Kasei Kogyo Co., Ltd.

DESCRIPTORS: *Vinyl plastics, Manufacturing methods,
Vinyl radicals, *Ethers, Butyl radicals, Ethyl radicals,
Polymerization, *Catalysts, Group II elements,
Group IV elements, Group VIII elements, Sulfates,
*Chromium catalysts, *Sulfuric acid.

(Materials--Plastics, TT, v. 10, no. 4)

63-17634

- I. Okamura, S.
- II. Higashimura, T.
- III. Patent (Japan) pub.
37-6 739
- IV. SA Code-P-72
- V. Seizaburo Aoki (Japan)

Office of Technical Services

Okamura, Seizo and Yamashita, Takao.
POLYMERIZATION IN THE PRESENCE OF POLYMERS, I. EMULSION POLYMERIZATION OF VINYL ACETATE IN THE PRESENCE OF POLYVINYLMONOHYDROXYBUTYL ALCOHOL. [1962] 11p. 7 refs.
Order from SLA \$1.60

62-20089

Trans. of Kobunshi Kagaku (Japan) 1958, v. 15.
p. 165-169.

DESCRIPTORS: *Polyvinyl alcohol, *Acetates, *Vinyl radicals, *Polymerization, Colloids, Polymers.

62-20089

- I. Title: Graft polymers
- II. Okamura, S.
- III. Yamashita, T.

III. Title: Emulsion...

(Chemistry--Organic, TT, v. 9, no. 9)

Office of Technical Services

Degree of Polymerization Obtained in the
Total Polymerisation Process, by Seiso
Okamura, Katagiri Keiso, 8 pp.

JAPANESE, per, Kobunshi Kagaku, Vol XVI,
No 167, 1959, pp 173-175.

SLA 60-18390

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Vol IV, No 11
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199, 241

Copolymers of Acrylonitrile With Isobutylene and
That With Methacrylonitrile, by Seizo Okamura,
Takao Yamashita, 6 p.

JAPANESE, per, Sen-i Gakkaishi, 1953, Vol IX, No 9,
pp 446-448.

SLA 59-17083

Sci.
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Okamura, Seizo, Oshima, Yoshihiko, and Torii, Kei.
BEHAVIOR OF PERSULFATES IN THE EMULSION
POLYMERIZATION OF VINYL ACETATE. Rept. no. 3
[of Studies on the Emulsion Polymerization of Vinyl
Acetate]. [1960] [5p].
Order from SLA mtl\$1.80, ph\$1.80

60-18890

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 22-23.

See also 60-18889

60-18890

1. Vinyl acetate--
Polymerization
 2. Sulfates--Chemical effects
 3. Title: Emulsion
polymerization
- I. Okamura, S.
 - II. Oshima, Y.
 - III. Torii, K.
 - IV. Title: Studies...

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(Chemistry--Organic, TT, v. 5, no. 2)

Okamura, Seizo.
EMULSION POLYMERIZATION OF VINYL ACETATE
IN WATER SOLUTION. Rept. no. 4 [of Studies on the
Emulsion Polymerization of Vinyl Acetate]. [1960] [5]p.
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Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 23-24.

See also 60-18890

60-18891

1. Vinyl acetate--
Polymerization
2. Title: Emulsion
polymerization
1. Okamura, S.
- II. Title: Studies...

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(Chemistry--Organic, TT, v. 5, no. 2)

Process for Manufacturing Crystalline
Polymer of Vinyl-Alkylether, by Seizo
Okamura, Toshinobu Miyanohara, 7 pp.
JAPANER, patent, 13534/1963, 1964.
SA Code-P-361

Seizo Okamura

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TT-65-14515

Field 7C

Okamura, Seizo; Iragashimura, Toshinobu;
Tomikawa, Masayuki
POLYMERIZATION OF TRIOXANE CATALYZED BY
CATIONIC CATALYST. 20pp, 10refs.
Order from: SLA: \$1.60 as TT-65-14515

Trans. of Kagaku Kaishi (Japan) v65 n5 p712-6 1962.
Another trans. is available from K-H \$12.00 as
K-H-12425-f (20pp).

MF-659

Okamura, Seizo, Torii, Kei and others.
EMULSION POLYMERIZATION OF VINYL ACETATE
UNDER VARIOUS CONDITIONS. Rept. no. 1 of
Studies on the Emulsion Polymerization of Vinyl
Acetate. [1960] 6p. 4 refs.
Order from SLA mi\$1.80, ph\$1.80 60-18888

'Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 20-21.

(Chemistry--Organic, TT, v. 5, no. 2)

60-18888

1. Vinyl acetate--
Polymerization
2. Title: Emulsion
polymerization
- I. Okamura, S.
- II. Torii, K.
- III. Title: Studies...

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Study on Components of Glass in Glass. Part 7.
Effect of Argon on Molten Glass at High Temperatures, by T. Okamura.

JAPANESE, 1956, Asahi Glass, Kyuden Kokoku,
No 6, 1956, pp 89-97.
NKC-69-18630-11B

T. OKAMURA

Sci-Met
Sept 69

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Studies on the Manufacture of Neutral Sized
Papers Using Sodium-Aluminate, by
Nobuakira Fujinami, Takefumi Okamura, et al.

21 pp.

JAPANESE, per, Kami Parupu Gijutsu Kyokai-Shi,
Vol 14, No 115, 1960, pp 675-682.
SLA TT-64-16030

Takefumi Okamura

Sci/Materials
Jun 67

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Okamura, Tsuneo and Uno, Tadaru.

COMPONENTS OF GASES PRESENT IN BUBBLES IN GLASS. Pt. 3 of Study on Components of Gases in Glass. [1962] [28]p. (foreign text included) 12 refs.

Order from SLA \$2.60

62-10961

Trans. of [Asahi Gensu Kenkyu Hokoku] (Japan) 1954, v. 4, p. 8-18.

DESCRIPTORS: Glass, Melting, Bubbles, Gases, Water vapor, Sulfur compounds, Dioxides, Carbon dioxide.

The present report concerns on a study, which was intended to obtain fundamental data on bubbles left in glass by analyzing the compositions of gas contents in the bubbles. For clarification of bubbling phenomenon occurring in course of glass melting, analyses of compositions of gases in the bubbles were conducted, and an original method was devised to enable analysis of gases. (Materials--Ceramics, TT, v. 9, no. 3) (over)

62-10961

I. Ikamura, T.
II. Uno, T.
III. Title: Study ...

C227490

Office of Technical Services

Okamura, Teuneo, Sasaki, Tamotsu, and Uemura,
Shiro.

GAS COMPONENTS CONTAINED IN MOLTEN GLASS
IN FOURCAULT TANK FURNACE. Pt. 8 of Study on
Components of Gases in Glass. [1962] [69]p. (foreign
text included) 8 refs.

Order from SLA \$6.60

62-14500

Trans. of [Asahi Garasu Kenkyu Hokoku] (Japan) 1959,
v. 9, no. 1, p. 1-29.

DESCRIPTORS: *Furnaces, *Glass, Melting, Bubbles,
Gases, Sulfur compounds, Dioxides, Statistical analysis,
Refractory materials.

The methods for analysis of both the dissolved gas in
glass and the gas contained in the bubbles, have been
applied to a study of refining process in the Fourcault
tank furnaces. Their results were as follows: For the
(Materials--Ceramics, TT, v. 9, no. 3) (over)

62-14500

1. Title: Fourcault machines
2. Title: Tank furnaces
- I. Okamura, T.
- II. Sasaki, T.
- III. Uemura, S.
- IV. Title: Study ...

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Office of Technical Services

The Geography of the Continent (Part II), by
OKAMURA Yasuji, 3 pp.

Summary translation.

JAPANESE, per, Tairkiu Mondai, Apr 1953.

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Mechanism of Emulsion Polymerization of
Vinyl Acetate, by Seizo Okamura, Takujiro
Motoyama, 13 pp.

JAPANES , per, Kogyo Kagaku Zasshi, Vol LXI,
No 3, 1958, pp 384-387.

SLA 60-18157

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Vol 2, No 30

Chelating Polymers, by H. Okawara,
19 pp.

JAPANSHI, part, Yuki Gosei Kagaku Kyokaishi,
Vol. XVIII, No. 4, 1960, pp 229-240.

AT&T-45043J

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Jan 62

199, 242

Effect of Exposed Time at Elevated Temperature
on the Embrittlement of Welded Joints of HT69 St
Steel for Nuclear Pressure Vessels, by
Michio INAGAKI, Isao KANE, et al.
JAPANESE ver. J., Japan Welding Soc., Vol 33,
No 11, Nov 1964, pp 1910-1919. 9133259
ABC RSI-J-TP-68

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Isao O'Kane

Sci/AMH
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Proteins of Tumorous Growths From Infections of
Potatoes With *Synchytrium Endobioticum*, by A. S.
Oltanenko, B. I. Bershtein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 3, 1960, pp 727-730.

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Role of Leaves in Sugar Accumulation by Major Root Mass
and in Development of the Anatomical Structure Peculiar
to Them, by T. V. Sivertsel, A. S. Oshenko, 6 pp.

RUSSIAN, pur, Fiziol Rasteniy, Vol VIII, No 2, 1961,
pp 145-152.

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The Application of the Radiation of Optical Radiation to the
Lenses of Super Lenses in Light, by A. S. GORDEYEV
D. M. Grodinskij, V. P. Bobrovskij, S. F. G.

RUSSIAN, part, Dokl Akad Nauk SSSR, Vol 194, No 6, 1960,
pp 1460-1462

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(NY-2616)

Development of the Physiology and Biochemistry of
Plants in the Ukraine During 40 Years (1917-1957).
by M. A. Lyubyns'kyy, A. S. Okanenko, 41 pp.

UKRAINIANS, per, Ukrayns'kiy Botan Zhur, Vol 23, No 3, Kiev, pp 42-52.
1957,

JPRS-L-1044-B

Sci - Biol - Phytology
Nov 59

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The Accumulation of sugar in Various
Forms and Stains of beet and prospects
for a Further Increase in the sugar
content of Sugarcane, by A. S. Mironov.
Admiral, pet., Irkutsk. Nauchn. Issled.
Inst. Soglarnoy Sverdly, vol. 35, 1957.

*CP-71 11-7-571177

Sugar Content of Sugar Beet in Relation to the Water
Content of Root Tissues, by A. E. Maksimovich, A. I.
Bakhir, A. S. Okanenko, 6 pp.

RUSSIAN, bimo per, Fiz Rasteniy, Vol IV, No 2, 1957,
pp 192-198.

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A Method for Microdetermination of Proteins by
Tetrabromophenolphthalein Ethyl Ester, by Ishidate, M.
Okano, S., and Kuwada, Y., 5 p.

JAPANESE, per, J Pharm Soc Japan, Vol 72, 1952,
pp 982-985.

Asso Tech Ser 282 25EIJ

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